

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A device providing an electrical connection between a recoiling mass of a weapon and a fixed cradle, ~~wherein it incorporates~~ the device comprising at least one electrical connector formed of a plug and a socket, one of said plug ~~or~~ and socket is integral with said cradle and the other one of said socket and said plug is integral with said recoiling mass, said socket and plug being disconnected during the recoil of said recoiling mass.
2. (Currently Amended) ~~A~~ The device according to Claim 1, wherein said one of said plug ~~or~~ and said socket integral with said cradle is also integral with motor means allowing said one of said plug or and said socket integral with said cradle to be displaced so as to ensure it said one of said plug and said socket integral with said cradle disconnects when said recoiling mass is placed in the starting a loading position before firing.
3. (Currently Amended) ~~A~~ The device according to Claim 2, wherein said plug incorporates contact pins integral with a support made of a flexible insulating material.
4. (Currently Amended) ~~A~~ The device according to Claim 3, wherein said socket incorporates at least two cylindrical contact terminals whose inner diameter is slightly less than that of ~~the said~~ contact pins of ~~the said~~ plug, each said terminal incorporating a longitudinal slot allowing ~~it~~ said each said terminal to be deformed radially when ~~said a~~ contact pin is introduced ~~in into~~ said each said terminal.
5. (Currently Amended) ~~A~~ The device according to Claim 4, wherein each said plug incorporates at least two contact pins whose ~~free-length out of~~ extending from said plug is greater than or equal to ~~that a~~ longitudinal length of said contact terminals.

6. (Currently Amended) A-The device according to Claim 5, wherein said plug is integral with said cradle and said socket is integral with said recoiling mass.

7. (New) The device according to claim 5, wherein said socket is integral with said cradle and said plug is integral with said recoiling mass.